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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/727,635	12/05/2003	Myung-Yong Park	1572.1230	9618

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EXAMINER
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CHEN, SHIH CHAO

ART UNIT	PAPER NUMBER
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2821

DATE MAILED: 02/17/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

10/727,635

Applicant(s)

PARK, MYUNG-YONG

Examiner

Shih-Chao Chen

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 05 December 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-21 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1,6-16,18,20 and 21 is/are rejected.
- 7) ☒ Claim(s) 2-5,17 and 19 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 05 December 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

## DETAILED ACTION

### *Specification*

1. The abstract of the disclosure is objected to because abstract reference character(s) should be in parentheses. Correction is required. See MPEP § 608.01(b).

### ***Claim Rejections - 35 USC § 112***

2. The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

3. Claims 8-12 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the enablement requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to enable one skilled in the art to which it pertains, or with which it is most nearly connected, to make and/or use the invention. Because claim 8 recites the limitation "wherein the case comprises a plurality of combining hooks, and the cover comprises a plurality of hook holes that correspond to the combining hooks" is not in the specification and drawing (See FIG. 5-6, i.e. the cover [50] comprises a plurality of combining hooks [52].).

4. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

5. Claims 16 and 18 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

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6. Claim 16 recites the limitation "each cover" in line 1. There is insufficient antecedent basis for this limitation in the claim.

7. Claim 18 recites the limitation "the covers" in line 2. There is insufficient antecedent basis for this limitation in the claim.

***Claim Rejections - 35 USC § 102***

8. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for a patent.

9. Claims 1, 6-7, 13-15 and 20-21 are rejected under 35 U.S.C. 102(a) as being anticipated by Applicant cited prior art.

Regarding claim 1, Applicant cited prior art (FIG. 1) teaches a notebook computer comprising: a display device (See FIG. 1) to display images; a case [4] attached to the outside of the display device and formed with an antenna groove [3] on a front side thereof; an antenna [6] provided in the antenna groove of the case; and a cover [8] combinable with the case to cover the front side of the case and the antenna.

Regarding claim 6, Applicant cited prior art (FIG. 1) teaches the notebook computer according to claim 1, wherein the cover [8] is made of plastic (See [0005]).

Regarding claim 7, Applicant cited prior art (FIG. 1) teaches the notebook computer according to claim 1, wherein the case [4] is made of magnesium alloy (i.e. made of metal).

Regarding claim 13, Applicant cited prior art (FIG. 1) teaches the notebook computer according to claim 1, wherein a screw (See FIG. 1), to secure the cover [8] to the case [4], is provided at a predetermined distance from an edge of the cover.

Regarding claim 14, Applicant cited prior art (FIG. 1) teaches the notebook computer according to claim 1, wherein a plurality of screws (See FIG. 1), to secure the cover [8] to the case [4], are provided.

Regarding claim 15, Applicant cited prior art (FIG. 1) teaches a notebook computer comprising: a display device (See FIG. 1) to display images; a case [4] attached to the outside of the display device and formed with a plurality of antenna grooves [3] on a front side thereof; a plurality of antennas [6] respectively mounted in the antenna grooves of the case; and a cover [8], combinable with the case, to cover the front side of the case and the antennas.

Regarding claim 20, Applicant cited prior art (FIG. 1) teaches the notebook computer according to claim 1, wherein the cover [8] is made of plastic (See [0005]).

Regarding claim 21, Applicant cited prior art (FIG. 1) teaches the notebook computer according to claim 1, wherein the case [4] is made of magnesium alloy (i.e. made of metal).

#### ***Allowable Subject Matter***

10. Claims 2-5, 17 and 19 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

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11. The following is a statement of reasons for the indication of allowable subject matter:

The primary reason for the allowance of claims 2-5, 17 and 19 is the inclusion of the limitation of the cover comprises a plurality of combining hooks, and the case comprises a plurality of hook holes that correspond to the combining hooks. It is this limitation found in each of the claims, as it is claimed in the combination, that has not been found, taught or suggested by the prior art of record which makes these claims allowable over the prior art.

#### ***Correspondence***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Shih-Chao Chen whose telephone number is (571) 272-1819. The examiner can normally be reached on Monday-Friday from 7 AM to 4:30 PM, First Fri. off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Don Wong can be reached on (571) 272-1834. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

*Shih-Chao Chen*

Shih-Chao Chen  
Primary Examiner  
Art Unit 2821

SXC

February 17, 2005